

an electric circuit board comprising a control circuit for controlling rotation of the rotor, the electric circuit board having through-holes;

a heat sink comprising a heat radiating portion and a pair of supporting legs extending from opposite end portions of the heat radiating portion, the heat sink being disposed on the electric circuit board by contacting an end portion of each of the supporting legs with the electric circuit board;

a plurality of switching devices electrically connected with the electric circuit board, the switching devices controlling a direction of drive current supplied to exciting coils of the stator; and

a pressing member comprising a pressing portion, a pair of positioning portions extending respectively from opposite end portions of the pressing portion, and a pair of connecting portions projecting respectively from the pair of positioning portions respectively, the pressing portion pressing the switching devices to the heat sink by engaging the connecting portions with the heat sink, the positioning portions being inserted into the through-holes of the electric circuit board respectively,

wherein the pressing member further comprises a pair of fixing portions which are formed at free end portions of the positioning portions, and the fixing portions are hung with a lower surface of the electric circuit board.

6. (Amended) The brushless motor as claimed in claim 1, wherein the fixing portion is formed by forming an inversed U-shaped slit on the positioning portion and bending a portion defined by the inversed U-shaped portion outwardly.

20. (Amended) An assembly structure of a brushless motor, comprising:

a circuit board comprising a control circuit for controlling a rotation of a rotor relative to a stator of the brushless motor and through-holes;

a heat sink comprising a heat radiating portion and a pair of supporting legs extending from opposite sides of the heat radiating portion, a free end portion of each supporting leg being in contact with the electric circuit board;

a plurality of switching devices electrically connected with the electric circuit board, the switching devices controlling a direction of drive current supplied to exciting coils of the stator; and

a pressing member comprising a pressing portion, a pair of positioning portions perpendicularly extending from opposite end portions of the pressing portion, and a pair of connecting portions projecting from the pair of positioning portions respectively, the connecting portions being engaged with the supporting legs respectively, the pressing portion pressing the switching devices to the heat sink, the positioning portions being inserted into the through-holes of the electric circuit board respectively,

wherein the pressing member further comprises a pair of fixing portions which are formed at free end portions of the positioning portions, and the fixing portions are hung with a lower surface of the electric circuit board.